

DWG TAG — M7130E1 DATE — 4/28/08 CAD OPER. — AW

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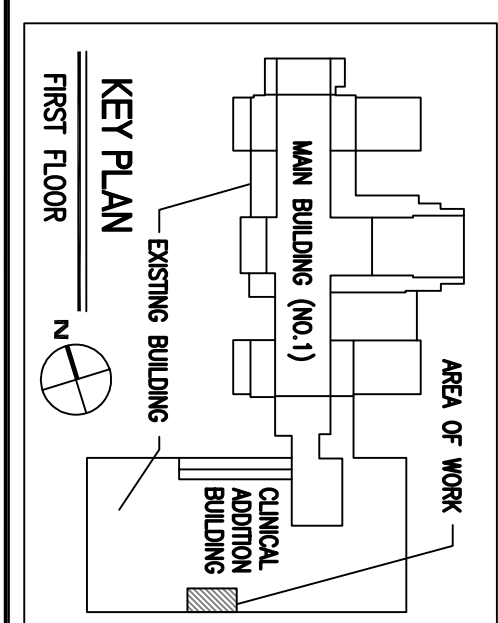
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FULLY SPRINKLERED

CDL Project Number:
07060

Drawing Title

POWER PLAN

Approved: Project Director

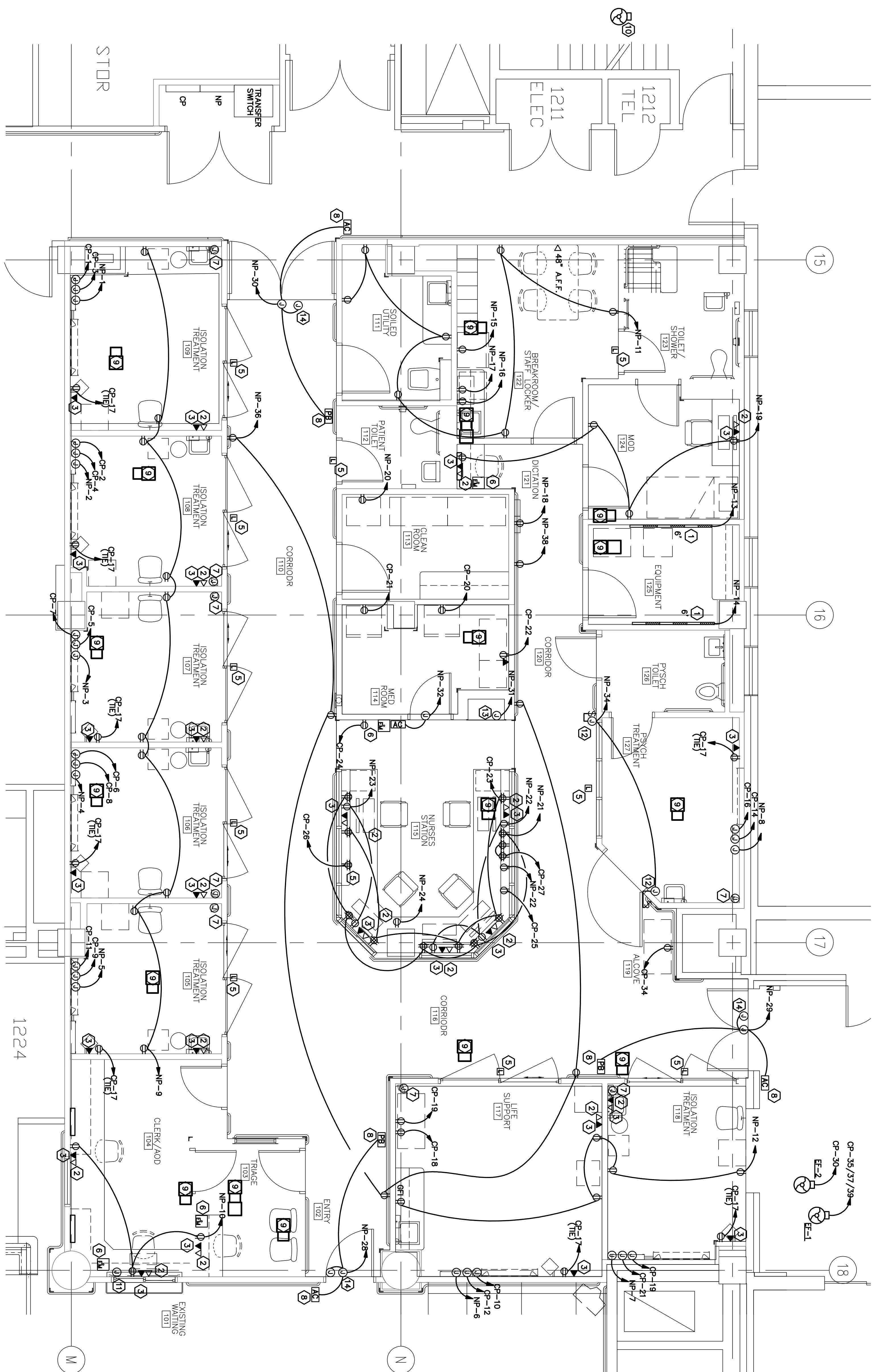
EMERGENCY ROOM RENOVATION

Project Title	Project Number
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Project Number
540-07-115Office of
Facilities

Management

Department of
Veterans Affairs



ELECTRICAL SYMBOLS

DESCRIPTION	ALL SYMBOLS <u>DO</u> <u>NOT</u> NECESSARILY APPLY UNLESS OTHERWISE NOTED	MOONING HGT. TO CENTERLINE
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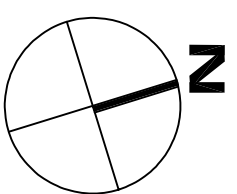
SYMBOL	DESCRIPTION	SIZE	REMARKS
①	DUPLEX JUNCTION BOX	18"	SEE DRAWINGS
②	DUPLEX RECEPTACLE, 3 WIRE, 90% TYPE, 20A	18"	
③	DUPLEX RECEPTACLE, WEATHERPROOF, 20A	18"	
④	GROUND FAULT PROTECTED DUPLEX RECEPTACLE, 20A	18"	
⑤	DATA/PHONE WALL RECEPTACLE, 20A	18"	
⑥	PURIFICATION STATION	48"	
⑦	LOW VOLTAGE BUZZER, TRANSFORMER	AS REQUIRED	
⑧	DOOR BUZZER	54"	
⑨	DIMMER SWITCH		
⑩	TOGGLE SWITCH - SINGLE, 3-WAY & 4-WAY	48"	
⑪	MANUAL MOTOR STARTING SWITCH W/ PILOT LIGHT	48"	
⑫	TELEPHONE OUTLET	18"	
⑬	TELEPHONE OUTLET - DUPLEX	18"	
⑭	DATA OUTLET - CATEGORY 5	18"	
⑮	DATA OUTLET - DUPLEX CATEGORY 5	18"	
⑯	SAFETY SWITCH		
⑰	MAGNETIC MOTOR STARTER	AS REQUIRED	
⑱	COMBINATION STARTER/SAFETY SWITCH	AS REQUIRED	
⑲	MOTOR OUTLET - 1 PHASE	AS REQUIRED	
⑳	MOTOR OUTLET - 3 PHASE	AS REQUIRED	
㉑	FIRE ALARM BREAK STATION	48"	
㉒	FIRE ALARM AUDIO/VISUAL SIGNAL DEVICE	80"	
㉓	DIAGN. INT. SYSTEM SMOKE DETECTOR	AS REQUIRED	
㉔	V. REMOTE INDICATORS	AS REQUIRED	
㉕	SYSTEM HEAT DETECTOR (FIRE TALK.)	AS REQUIRED	
㉖	FIRE ALARM WATER FLOW SWITCH	AS REQUIRED	
㉗	FIRE ALARM TAMPER SWITCH	AS REQUIRED	
㉘	SYSTEM SMOKE DETECTOR	CEILING MTL.	

NOTE: IN HANDICAPPED AREAS, THE RECEPTACLES AND TELEPHONE OUTLETS SHALL BE MOUNTED AT 24" A.F.F.; THE TOGGLE SWITCHES, THERMOSTATS AND MANUAL MOTOR STARTERS SHALL BE MOUNTED AT 42" A.F.F.

CODED NOTES

- 1 E.C. TO INST'AL PLUG AND EQUAL TO WHEADAD 62088912. RECEPTACLES TO BE 12 INCHES ON CENTER.
- 2 TELEPHONE OUTLET. PROVIDE JUNCTION BOX WITH PLASTER RING. RUN 3/4" EMPT'Y CONDUIT WITH PULL WIRE TO PHONE BOARD IN FIELD CLOSET. RUN 1/2" MOON OUTLETS AS DIRECTED BY THE OWNER.
- 3 DATA CLOSET. PROVIDE JUNCTION BOX WITH PLASTER RING. RUN A 1" EMPT'Y CONDUIT WITH PULL WIRE TO PHONE BOARD IN FIELD CLOSET. RUN 1/2" MOON OUTLETS AS DIRECTED BY THE OWNER.
- 4 PULL BOX. PROVIDE JUNCTION BOX WITH PLASTER RING. RUN 1/2" EMPT'Y CONDUIT FROM PULL BOX TO PHONE BOARD. WIRING AND PULL CONNECTIONS BY W.A. CANN.
- 5 PROVIDE WALL LIGHT, DIMMCKING, PULL-CORBS, AND ALL WIRING AS REQUIRED TO BE INSTALLED. PROVIDE 1/2" EMPT'Y CONDUIT FROM PULL BOX TO PHONE BOARD. PROVIDE 1/2" EMPT'Y CONDUIT FROM PULL BOX TO INSTALLATION. SEE SPECIFICATION SECTION 27 52 23 NURSE CALL/ CODE BLUE SYSTEMS FOR ADDITIONAL INFORMATION.
- 6 NURSE CALL/ PANIC BUTTON. INST'AL PER SPECIFICATIONS.
- 7 J-BOX FOR PATIENT CAREERS. RUN 3/4" EMPT'Y CONDUIT AND CABLE BACK TO MONITORING SYSTEM LOCATED AT THE NURSE'S STATION. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS.
- 8 ACCESS CONTROL/ PUSH BUTTON FOR POWER DOOR. FIELD VERIFY EXACT REQUIREMENTS.
- 9 VAV BOX. RUN WIRING FOR CONTROLS AND CONNECT TO CIRCUIT 9F-23. SEE MECHANICAL/ MECHANICAL COMPLETION. FIELD COORDINATE EXACT REQUIREMENTS WITH THE MECHANICAL COMPLETION.
- 10 NEW AHU-1. LOCATED IN THE MECHANICAL ROOM ON THE SECOND FLOOR. EXISTING CONDUIT, WIRE AND MOTOR CHAINED TO BE REUSED. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS WITH THE MECHANICAL CONTRACTOR.
- 11 JUNCTION BOX TO CONNECT ROLLING CARRIER SHUTTER TO EXISTING FIRE ALARM SYSTEM. FIELD COORDINATE EXACT REQUIREMENTS.
- 12 SWITCH AND J-BOX FOR IC CLASS PER DISCONNECT. EXACT REQUIREMENTS WITH G.C. PRIOR TO R.O.U.T.H.N.
- 13 PROVIDE 1/2" EMPT'Y CONDUIT. SHALL INCLUDE IN AND BE THE WORK OF THE PLUMBING/ THE SYSTEM. THAT SHALL INCLUDE, BUT NOT BE LIMITED TO, RUNNING ROUGH PIPES TO THE BLOWER PACKAGES, CONTROL BOX AND AUDIO SHUTTER BOX AND RUNNING AND WIRING THE EQUIPMENT. PROVIDE 1/2" EMPT'Y CONDUIT. SHALL INCLUDE IN AND BE THE WORK OF THE PLUMBING/ THE SYSTEM. THAT SHALL INCLUDE, BUT NOT BE LIMITED TO, RUNNING ROUGH PIPES TO THE BLOWER PACKAGES, CONTROL BOX AND AUDIO SHUTTER BOX AND RUNNING AND WIRING THE EQUIPMENT.
- 14 WIRING. MANAGING SYSTEM. TO BE INTERFERED WITH DOOR CONTROLS. SEE SPECIFICATION SECTION 27 52 23 NURSE CALL/ CODE BLUE SYSTEMS FOR ADDITIONAL INFORMATION. FIELD COORDINATE WITH REQUIREMENTS WITH THE CORP. PRIOR TO R.O.U.T.H.N.

POWER & SIGNAL PLAN

$$1/4" = 1' -$$


EXISTING CONDITION NOTES

THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED TO OUR OFFICE AT THE TIME OF DESIGN. THEREFORE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO, SERVICE LOCATION, SERVICE LAYOUTS, SECONDARY FEEDER LENGTH, TELEPHONE SERVICE LOCATION, ETC., AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO BID. FAILURE TO DO SO MAY CONSTITUTE THAT THE CONTRACTOR PROVIDE ANY AND ALL ADDITIONAL EQUIPMENT, LABOR, ETC., TO MEET THE INTENDED DESIGN PARAMETERS.

VERIFY ALL CONDITIONS IN FIELD

GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS